

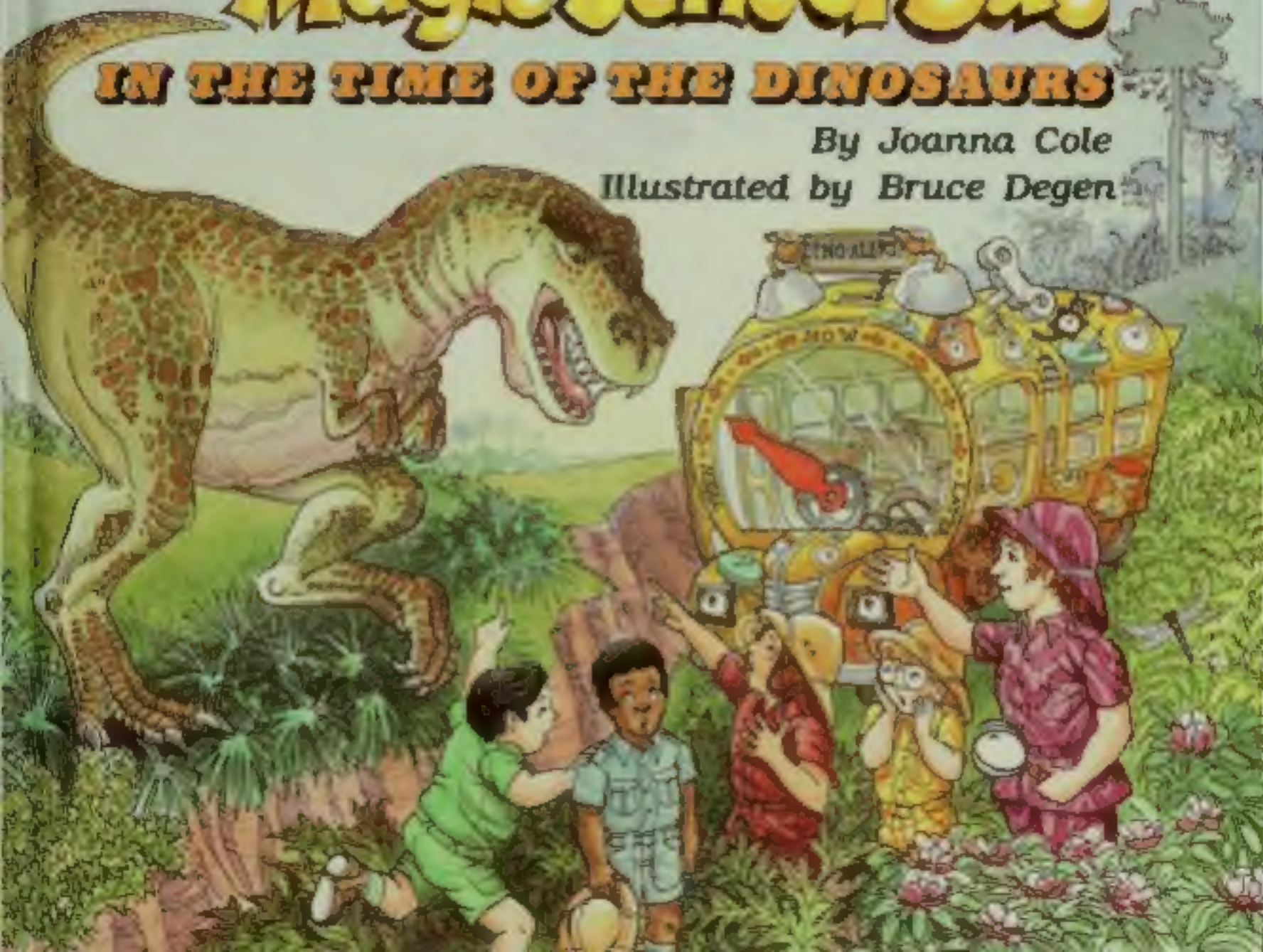


# The Magic School Bus

## IN THE TIME OF THE DINOSAURS

By Joanna Cole

Illustrated by Bruce Degen



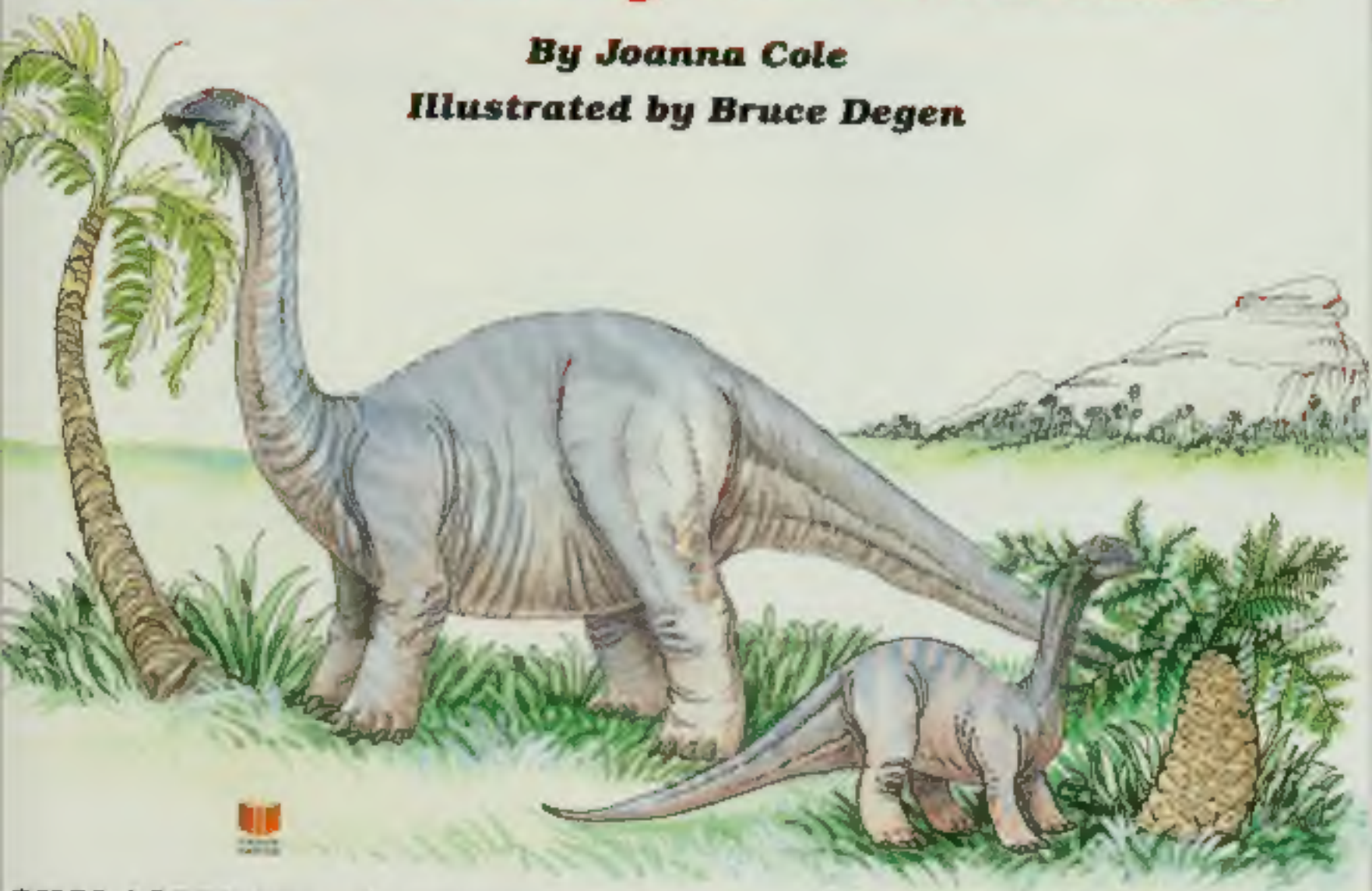




# ***The Magic School Bus in the Time of the Dinosaurs***

**By Joanna Cole**

**Illustrated by Bruce Degen**



**SCHOLASTIC INC. / New York**



To Armand Morgan,  
our personal guide to the time of the dinosaurs  
J.C. & B.D.







It was Visitors Day at our school. Parents, relatives, and friends were coming that afternoon to see our work. In Ms. Frizzle's class, we were making the whole room into Dinosaur Land!

I LOVE VISITORS DAY!

MY PARENTS ARE COMING.

MY GRANDMA'S COMING. I HOPE SHE LIKES MY PROJECT.



ALL DINOSAURS LIVED IN PREHISTORIC TIMES by Shirley

OUR DINOSAUR BOOKS We wrote them Ourselves.

SOME DINOSAURS WERE HUGE by Wanda

SOME DINOSAURS WERE SMALL by Keesha

SOME DINOSAURS WERE MEAT-EATERS by Tim

SOME DINOSAURS WERE PLANT-EATERS by Arnold

MODEL OF DINOSAUR SKELETON by Phoebe Made from Chicken bones and clay



Suddenly, Ms. Frizzle said, "Please pay attention, children. I have wonderful news!"

I WONDER WHAT THE GOOD NEWS IS.

MAYBE IT'S LUNCHTIME ALREADY.

MAYBE WE DON'T HAVE TO LEARN ALL THESE DINDSAUR NAMES.



COELOPHYSIS

DIPLODOCUS

TYRANNOSAURUS REX

APATOSAURUS

ALLOSAURUS



A WORD FROM DOROTHY ANN

Prehistoric means anything that happened before people started writing history.





# DINOSAURS WERE REPTILES

by Carlos

Dinosaurs were a group of special prehistoric reptiles. Reptiles are animals that:

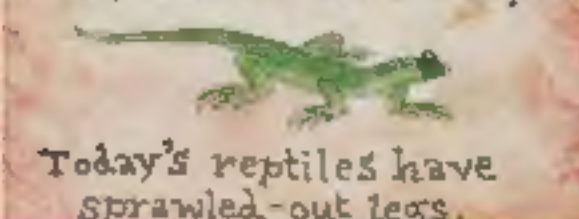
- have backbones
- have scaly skin
- lay eggs
- are cold-blooded

## REPTILES OF TODAY



## DINOSAURS WERE SPECIAL

Dinosaurs had straight legs. They could walk or run fast.



Today's reptiles have sprawled-out legs.

"Our class has been invited to a dinosaur dig," explained the Friz.

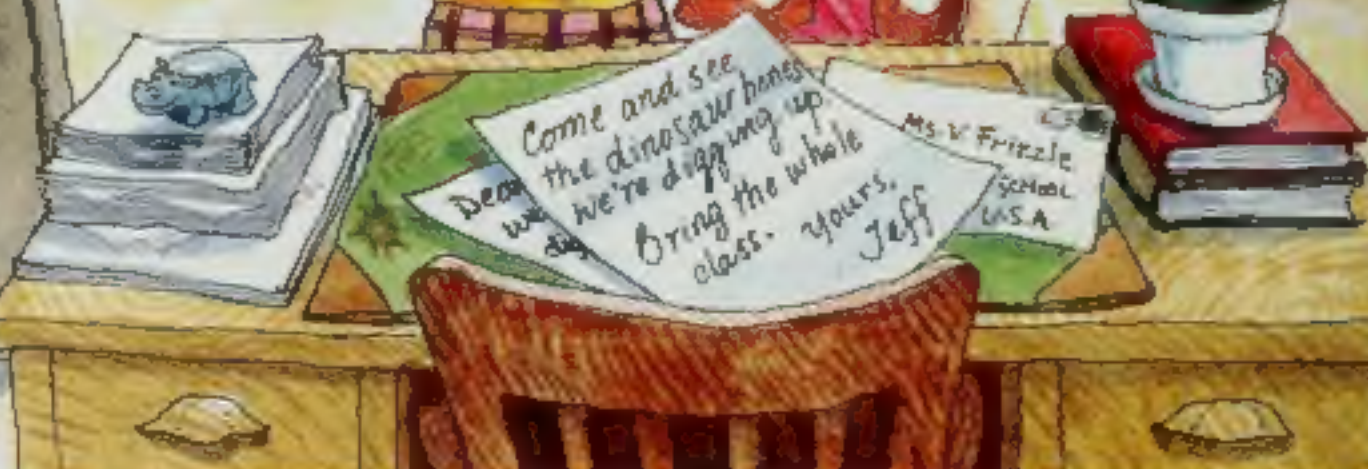
"We'll be leaving right away."

As we went out, one kid grabbed the video camera. Others took along model dinosaurs for good luck. When you have the wackiest teacher in school, you need all the luck you can get!

WE'RE LEAVING NOW?

I GUESS MS. FRIZZLE FORGOT ABOUT VISITORS DAY.

SHE NEVER FORGOT ANYTHING BEFORE.

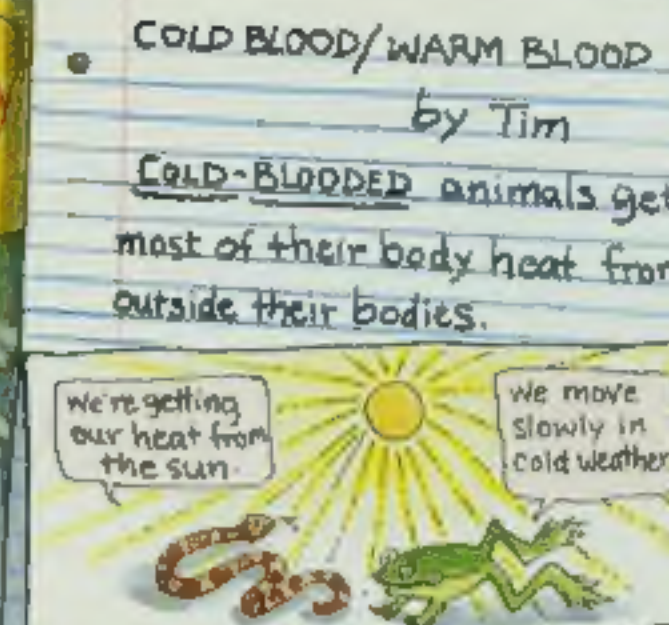


We couldn't believe we had to get on that rickety old school bus again. Kids held their lucky dinosaurs tight, and hoped for the best.

MY LUCKY DINOSAUR IS TYRANNOSAURUS REX.

MY LUCKY DINOSAUR IS STEGOSAURUS.

MY LUCKY DINOSAUR IS WONDERING IF THIS OLD BUS WILL MAKE IT!



WARM-BLOODED animals make their own body heat.



## DINOSAURS WERE SPECIAL

Some dinosaurs may have been warm-blooded. All of today's reptiles are cold-blooded.



## NO PEOPLE EVER SAW A DINOSAUR by Florrie

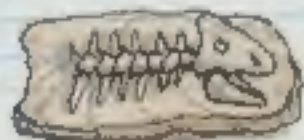
When early humans  
appeared on earth,  
dinosaurs had already  
been dead for millions  
of years!

People found out about  
dinosaurs from fossils.

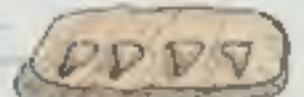


## FIVE KINDS OF DINOSAUR FOSSILS by Alex

1 BONES



2 TEETH



3 FOOTPRINTS



4 SKIN PRINTS



5 EGGS AND  
NESTS



As we rolled onto the highway,  
Ms. Frizzle shouted from the driver's seat.  
"We're on our way to fossil country, kids!  
Who knows what a fossil is?"  
Luckily, we had done our homework.  
We knew a fossil is anything left  
from a prehistoric animal or plant.

THIS STORY  
IS  
MAKE-BELIEVE.

THERE WERE NO  
DINOSAURS IN  
THE TIME OF  
CAVE PEOPLE.

DINOSAURS LASTED FOR  
150 MILLION YEARS ON  
EARTH! WEREN'T THEY  
AMAZING, ARNOLD?

IT'S AMAZING THAT  
I'VE LASTED THIS LONG  
IN MS. FRIZZLE'S CLASS.

After we had been driving for a long time,  
we came to a desert where people were working.  
Ms. Frizzle said this was the dinosaur dig.  
The people were paleontologists —  
scientists who study prehistoric life.

## HOW A DEAD DINOSAUR COULD BECOME A FOSSIL by Carme

1. The dead body  
sank in a river,  
and rotted away.



2. The bones were  
covered with  
sand.



3. In time, the  
sand turned  
into rocks.



4. The bones  
became hard  
as rock, too.



DID MOST DINOSAURS  
TURN INTO FOSSILS?

NO! DEAD DINOSAURS  
USUALLY ROTTED  
WERE EATEN



DINOSAURS WERE SPECIAL  
Dinosaurs were on earth  
1500 times longer than  
humans have been so far.



WHERE HAVE DINOSAUR FOSSILS BEEN FOUND?  
by Phil  
Everywhere on earth -- even within the Arctic Circle and near the South Pole!

LOOKING FOR DINOSAUR FOSSILS? TRY WESTERN NORTH AMERICA!  
by Keesha  
There are so many dinosaur fossils in the West that the area has been called a fossil treasure trove.



Everyone at the dig was working hard, using all kinds of tools to separate the fossils from the rocks around them.

I SEE YOU'RE STILL INTERESTED IN DINOSAURS, JEFF.

VALERIE! I HAVEN'T SEEN YOU SINCE HIGH SCHOOL!

LET'S GET THIS ON VIDEO!



The paleontologists told us they had found the fossil bones of a duckbilled dinosaur called *Maiasaura*.



SHE CALLS HIM JEFF?!!

HE CALLS HER VALERIE?!!

THEY WENT TO HIGH SCHOOL TOGETHER?!!

THAT MUST HAVE BEEN IN PREHISTORIC TIMES.



A DINOSAUR GETS ITS NAME FROM...  
by Carmen  
1. Something special about the way it lived --



*MAIASAURA* means "GOOD MOTHER LIZARD" *Maiasaura* took care of their babies.

2. Something special about its body --  
*DEINONYCHUS* means "TERRIBLE CLAW"



3. The place where it was found --  
*YUNNANO-SAURUS* was found in YUNNAN, CHINA.

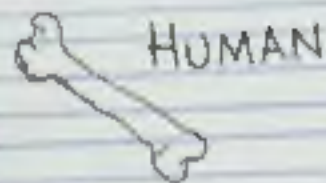
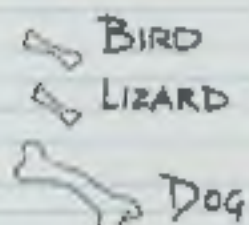


\* The scientist who finds the first fossils of a dinosaur gets to name it.



How can we tell which bones are which? by Shirley

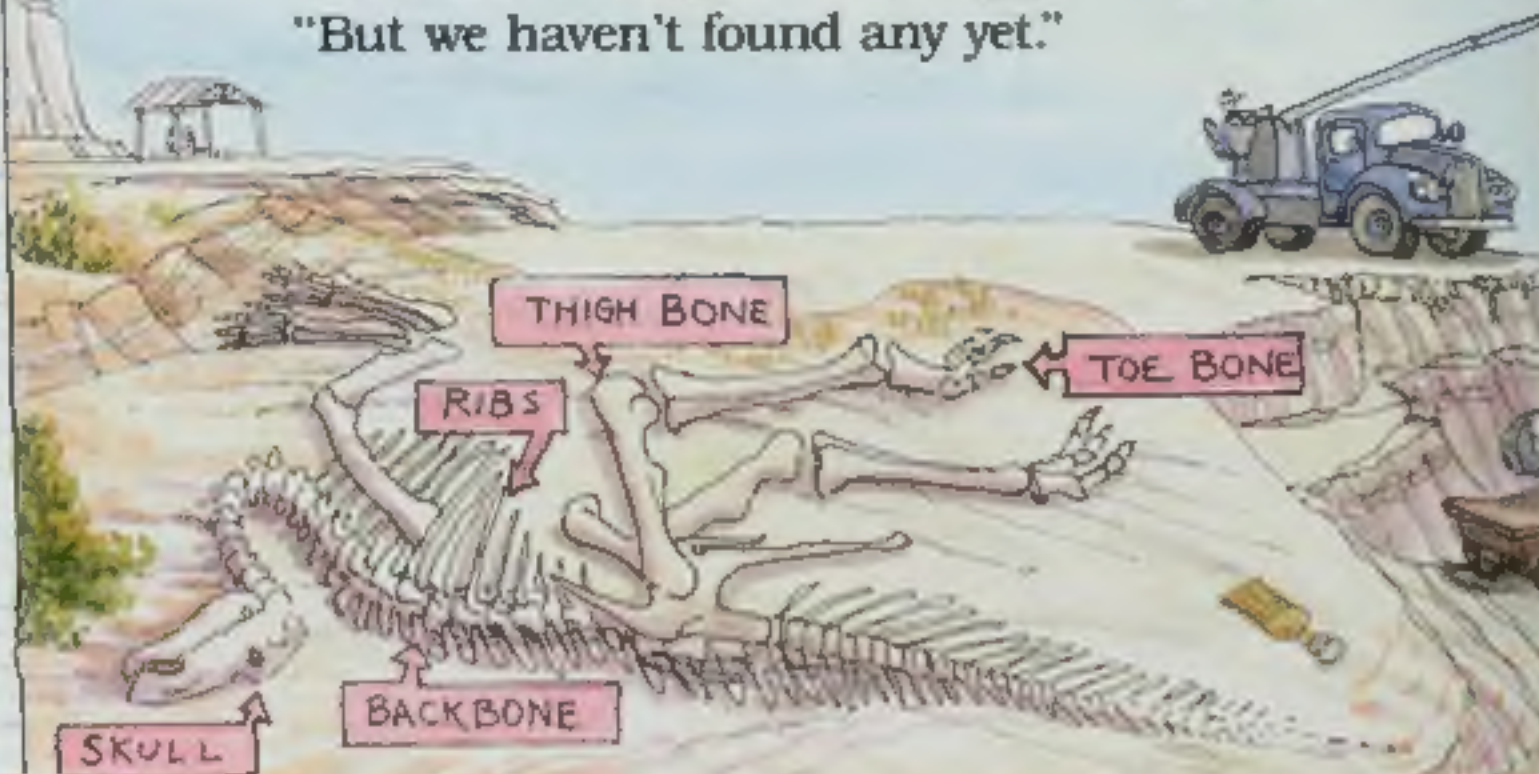
Paleontologists compare dinosaur bones with the bones of other animals. For example, if you know the thigh bone of a...



...you will be able to tell the thigh bone of a dinosaur.



The paleontologists seemed sad. "We were looking for fossil eggs," they said. "But we haven't found any yet."



WE FOUND THE BONES OF SOME MAIASAURA DINOSAURS, VALERIE.

WE WERE HOPING TO FIND THEIR NESTS.

I DIDN'T KNOW HER NAME WAS VALERIE.



We saw a gleam in Ms. Frizzle's eye. "Want to look for some *Maiasaura* nests, kids?" she shouted. She rushed us onto the bus and drove off.

BUT WE JUST GOT HERE.

I WANT TO LOOK AT THAT CRANE.

I WANT TO SEE THE DINOSAUR BONE.

SEE YOU LATER, JEFF.



We hadn't gone far when Ms. Frizzle stopped the bus. She turned a dial on the dashboard, and the bus began to change. It looked like a giant alarm clock. Ms. Frizzle said it was a time machine!

NOW I'VE SEEN EVERYTHING. THIS BUS IS GETTING RIDICULOUS.

MAIASAURA WERE SOME OF THE VERY LAST DINOSAURS ON EARTH.





How do we figure out what dinosaurs looked like?

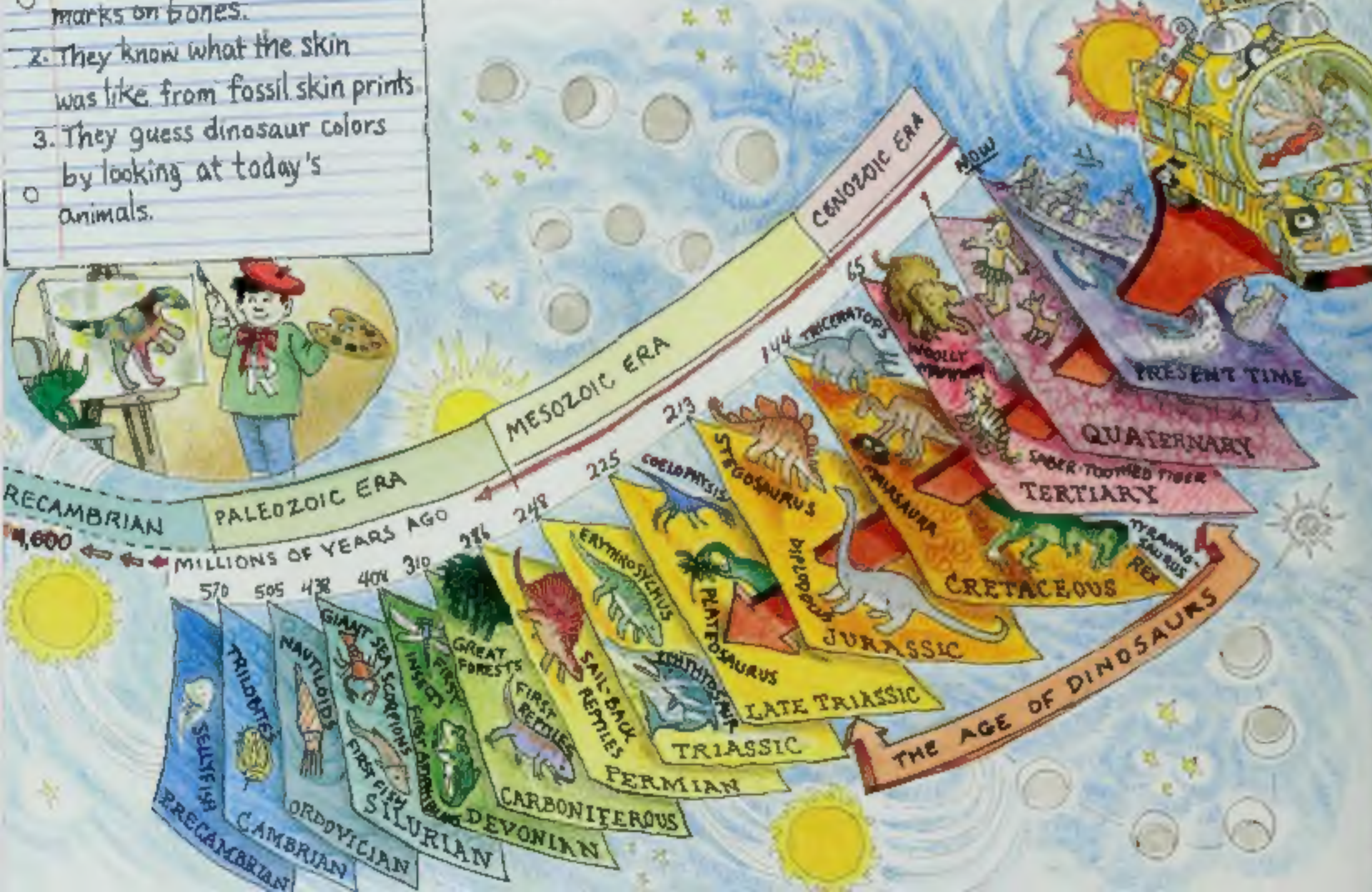
by Ralphie

Scientists put dinosaur bones together.

1. They figure out how the muscles were attached from marks on bones.
2. They know what the skin was like from fossil skin prints.
3. They guess dinosaur colors by looking at today's animals.



The hand on the clock started moving backward:  
 One hour back . . . one day back . . . one year back . . .  
 Outside the windows, the desert was whizzing by.  
 One thousand years . . . one million years . . .  
 "We're on our way to the time of the Maiasaura.  
 Hang on, class!" yelled the Friz.



Ring! Ring! The alarm went off.  
 We heard Ms. Frizzle say, "Ooops!  
 We had a little machine trouble.  
 We went back too far in time,  
 but it's nothing to worry about."  
 Nothing to worry about!  
 We missed the time of the Maiasaura  
 by millions of years!

CLASS, WE'RE IN THE  
 LATE TRIASSIC PERIOD--  
 THE TIME OF THE  
 EARLY DINOSAURS!

YOU MEAN WE'RE IN  
 THE SAME PLACE  
 BUT IN ANOTHER TIME?

YOU MEAN THIS IS WHAT  
 THAT DESERT LOOKED LIKE  
 220 MILLION YEARS AGO?

WOW! IT'S A JUNGLE  
 OUT THERE!



WHAT WAS THE EARTH  
 LIKE THEN?



One giant continent  
 Called PANGAEA

- Rainy Jungles
- Many deserts
- Warm temperatures
- No winter anywhere!

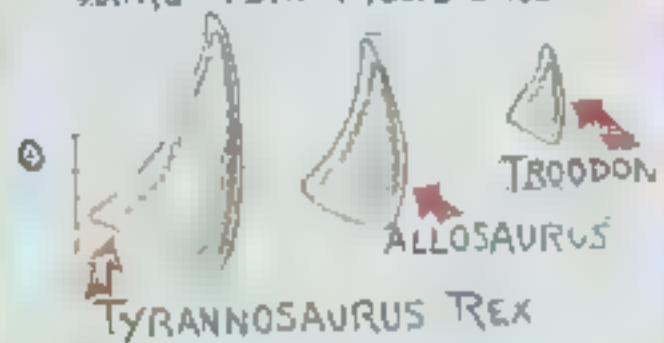




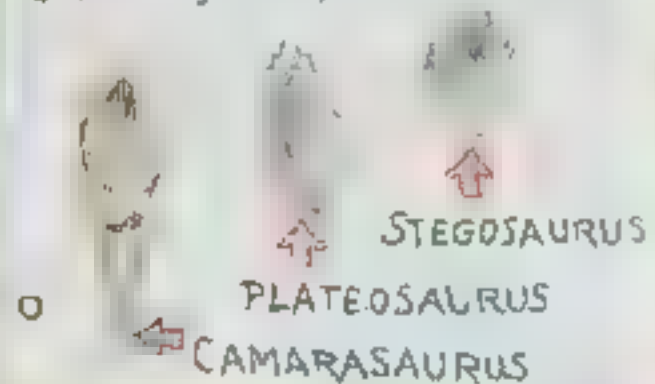
# FOSSIL TEETH TELL WHAT DINOSAURS ATE

by Phoebe

Sharp, pointy teeth came from meat-eaters.



Odd-shaped teeth came from plant-eaters.



The Friz pointed to some dinosaurs that were hunting on the banks of a river. "Their name is Coelophysis," she said. "These early dinosaurs were small and light. The giant dinosaurs did not develop until later."

COELOPHYSIS HAVE EXCELLENT TEETH FOR EATING MEAT. THEIR TEETH HAVE "SAW" EDGES LIKE STEAK KNIVES.

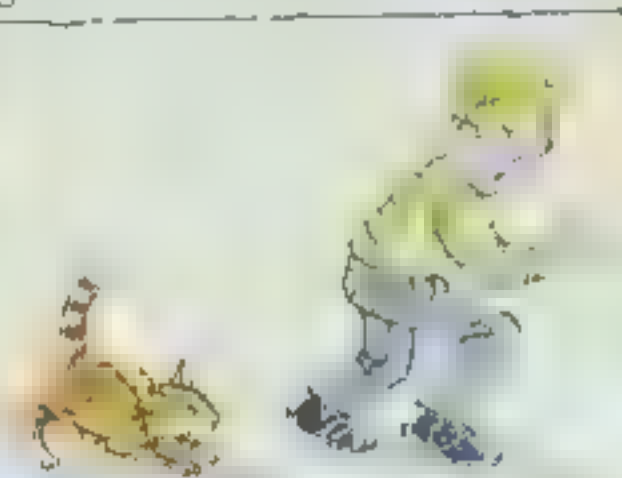
TRY NOT TO LOOK LIKE A STEAK!

Suddenly, a large reptile rose out of the water and opened its huge mouth. "That is not a dinosaur," Ms. Frizzle said. "It's a phytosaur — a crocodile-like reptile." The phytosaur caught a little dinosaur and pulled it underwater. We wanted to get back on the bus, pronto! But Ms. Frizzle said we had to learn about Triassic plant life.

## ARE MEAT-EATERS MEAN?

by Arnold

No Predators are part of nature. Hunting is the only way they can get their food.



## SOME WORDS FROM LUCY ANN

A predator is a hunting animal.

Prey are the animals a predator hunts.

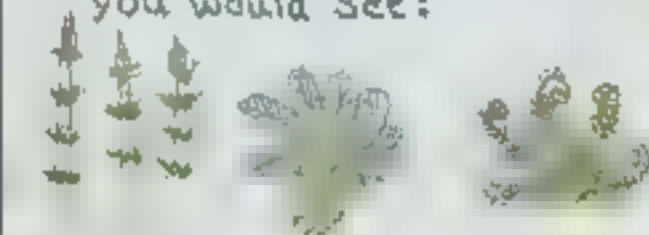




## TRIASSIC PLANTS

by John

In Triassic times  
you would see:



Horsetails      Ferns



Ginkgo      Conifers



## DINOSAURS WERE SPECIAL

Many dinosaurs were  
plant-eaters. Only a few  
kinds of modern  
reptiles are.

Plateosaur Tooth



## GINGKOS

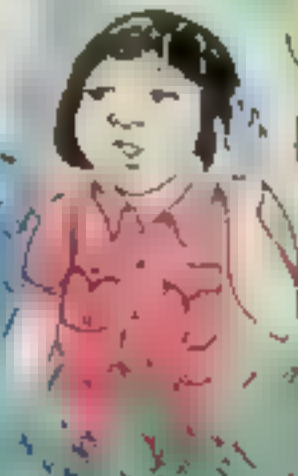
We were examining some ferns  
when Ms. Frizzle shouted.  
"Look at those terrific prosauropods!  
They were the first dinosaurs to eat plants!"

I JUST LOVE  
TRIASSIC PLANTS,  
CLASS--DON'T YOU?

DO YOU HEAR  
SOMETHING?

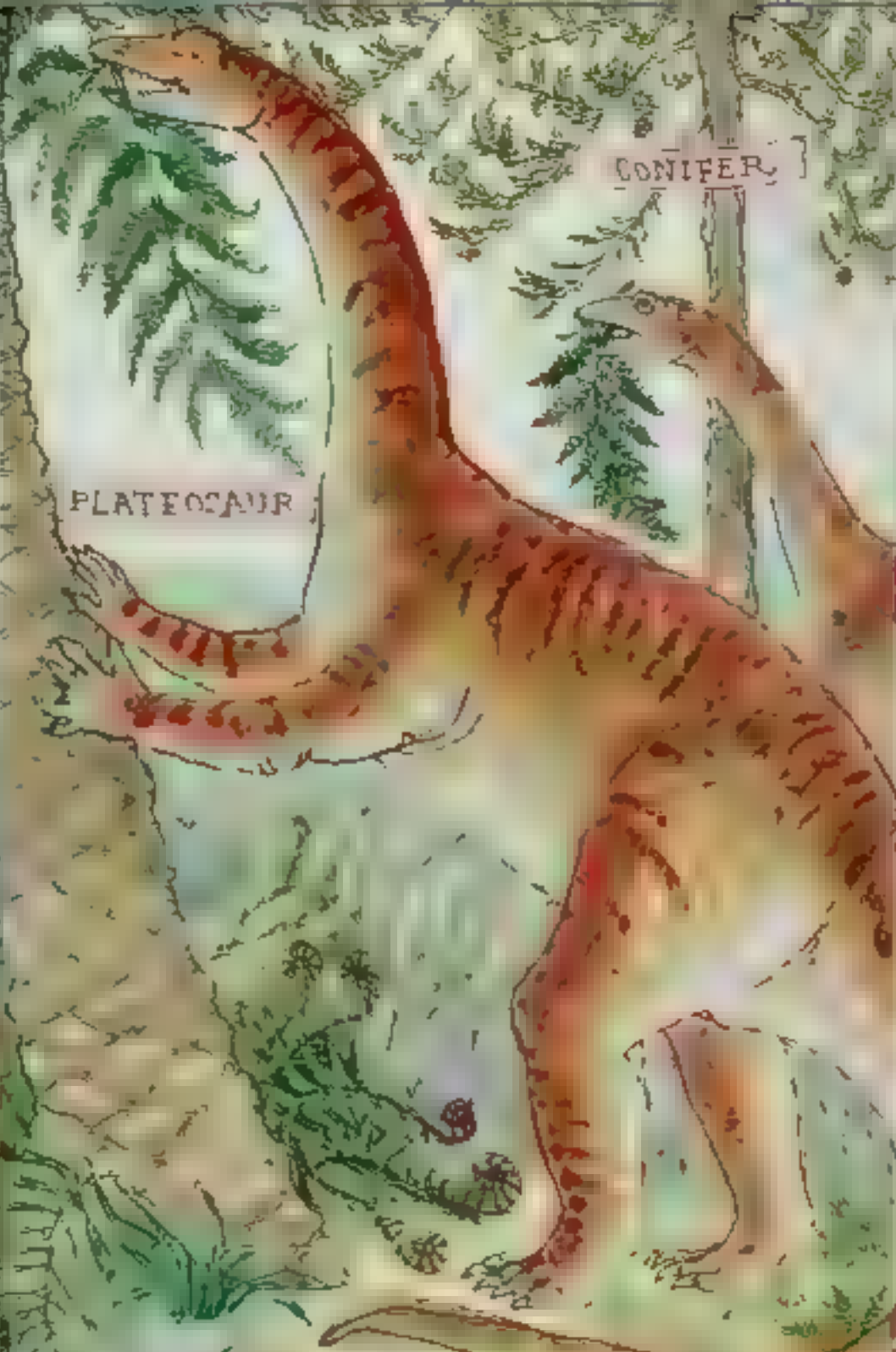
YOU MEAN THOSE  
CRUNCHING  
SOUNDS?

MS FRIZZLE  
ISN'T THE ONLY  
ONE WHO LOVES  
TRIASSIC PLANTS



PLATEOSAUR

CONIFER



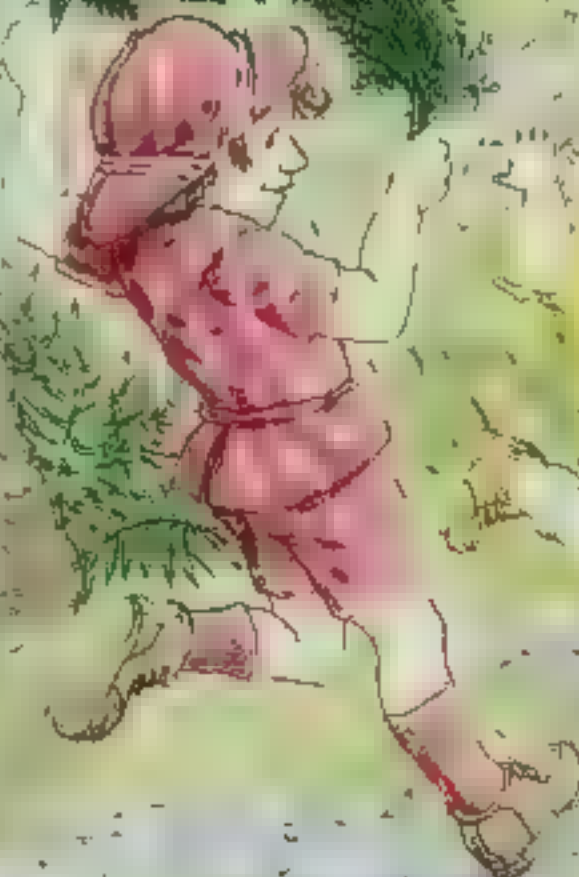
ANCHISAURUS

A sudden downpour caught us by surprise  
But the dinosaurs went right on eating.  
We ran for the bus, and Frizzle called.  
"Get ready to go forward in time, kids!"

IN A TROPICAL FOREST,  
RAINS ARE FREQUENT  
AND HEAVY, ARNOLD.

NOW SHE  
TELLS ME!

JEFF WILL  
LOVE THIS  
VIDEO





THE FIRST MAMMALS  
LIVED WITH DINOSAURS  
by Rachel

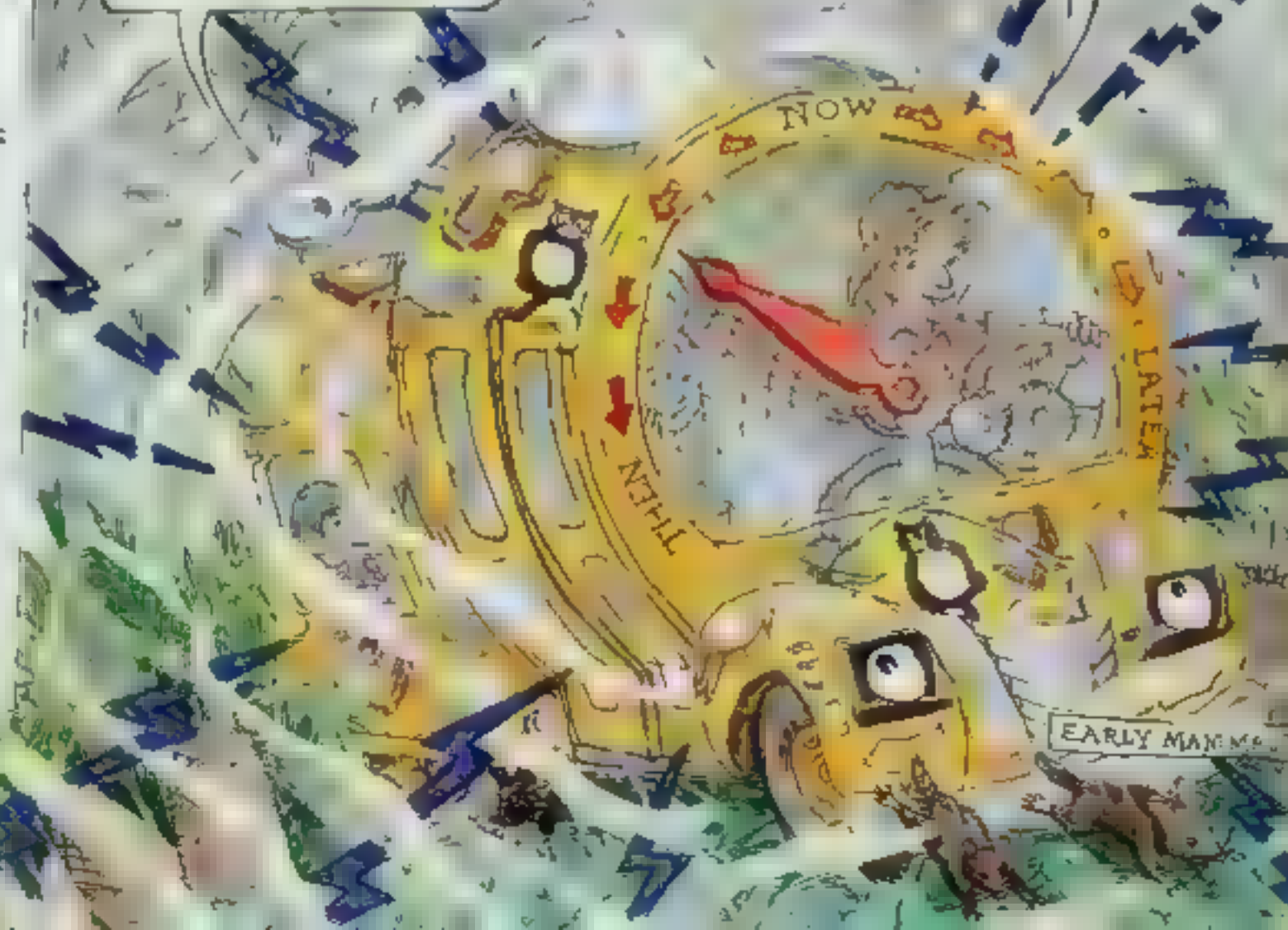
The first true mammals  
lived in the Late Triassic.  
They were furry rat like  
animals



The last things we saw before we took off  
were some small, furry animals.  
Ms Frizzle said they were the first mammals.  
The hand on the clock moved ahead,  
and the Triassic rain forest whizzed out of sight.

WHEN WILL WE SEE  
MAIASAURA EGGS?

MAIASAURA LIVED 160 MILLION  
YEARS FROM NOW. LET'S SEE  
IF WE CAN FIND THEM.



WHAT ARE MAMMALS?  
by Wanda  
Mammals are animals that:  
- have backbones  
- have hair or fur  
- are warm blooded



- feed their babies with  
mothers' milk

Ring! Ring! The alarm went off,  
and we heard Ms. Frizzle say, "Oh no!"  
We had stopped too soon.  
It was the Late Jurassic Period,  
the Age of Giants!

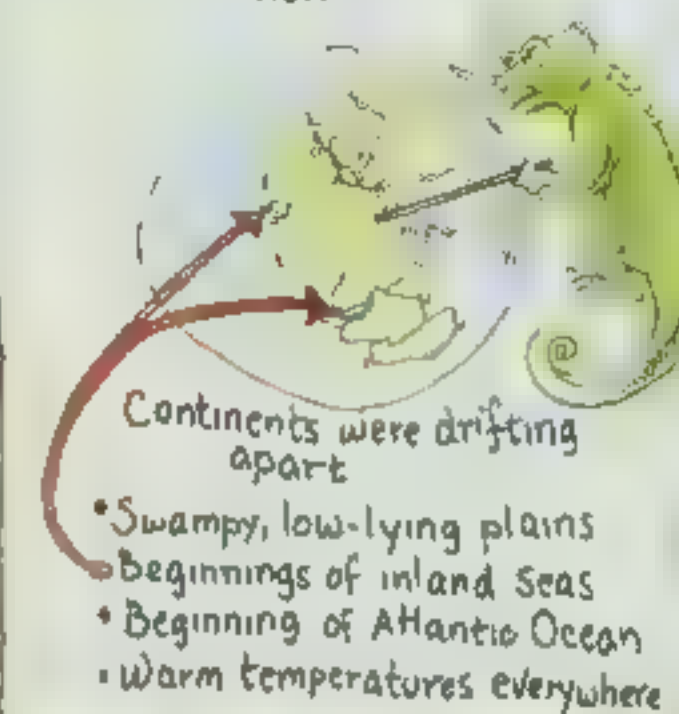
APATOSAURUS  
(ALSO CALLED  
BRONTOSAURUS)

HERE ARE SOME  
INTERESTING  
TREE TRUNKS

UM I DON'T  
THINK SO



WHAT WAS THE EARTH LIKE  
THEN?





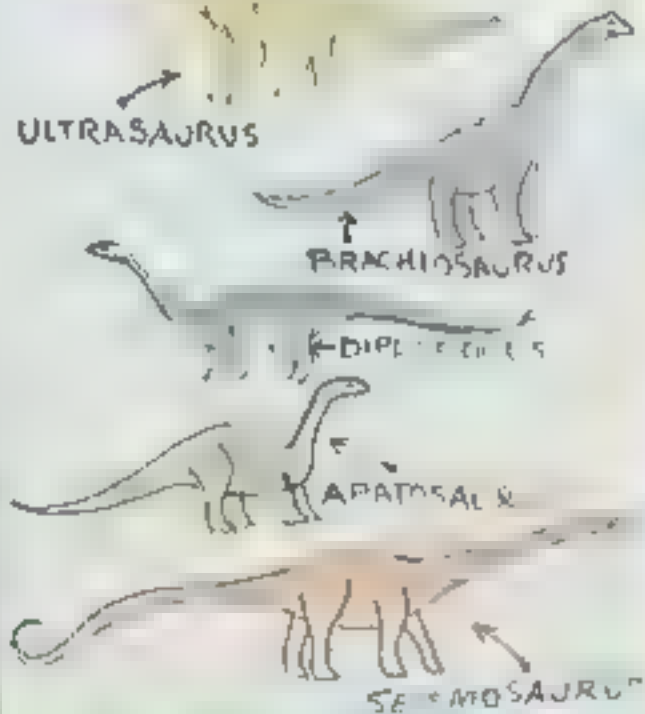
# WHAT WERE SAUROPODS?

by Amanda Jane

Sauropods were heavy, long necked dinosaurs.

They walked on four legs and ate plants.

## SOME KINDS OF SAUROPODS



"Notice these sauropod dinosaurs, children," said Ms. Frizzle. They were kind of impossible to miss. They were the largest land animals that ever lived!

SIXTY MILLION YEARS HAVE PASSED SINCE WE WERE HERE LAST

LOOK! THOSE SAUROPODS ARE SWALLOWING THEIR FOOD WHOLE!

THEIR TEETH ARE NOT GOOD FOR CHEWING, PHOEBE

THEY SWALLOW STONES TO GRIND UP FOOD IN THEIR STOMACHS.

IT MUST TAKE A LOT OF PLANTS TO FEED A GIANT SAUROPOD

SAUROPODS MUST SPEND MOST OF THEIR TIME EATING

WHAT A LIFE!

DINOSAURS WERE SPECIAL  
Some dinosaurs may have traveled in herds!  
None of today's reptiles do.

## NO SWAMPS FOR SAUROPODS

by Ralphie

People used to think sauropods waded in swamps. But fossil footprints show they walked on land and may have traveled in herds.

THE FOOTPRINTS WERE MADE AT THE SAME TIME

AND THEY ARE ALL GOING IN THE SAME DIRECTION!





## WE KNOW DINOSAURS

### LAID EGGS

by Amanda Jane

Fossil dinosaur eggs have been found. Inside some, there are tiny skeletons of babies



Under a pile of leaves, we found some dinosaur eggs just about to hatch! Nearby some stegosaurus — plated dinosaurs — were eating plants. One of the stegosaurus had a hurt leg.



ARE THEY THE MAIASAURA EGGS?

NO, KEESHA  
MAIASAURA DID NOT  
LIVE IN THE JURASSIC  
PERIOD.

THEY CAME LATER  
MUCH LATER.



Suddenly an *Allosaurus* approached the wounded *Stegosaurus*. *Stegosaurus*'s spiked tail lashed out. It missed *Allosaurus* by an inch! What would happen next? We held our breath



ALLOSAURUS  
TOOTH  
(actual size)

IT'S HARD TO BE A HUNTER  
by Alex  
Being a predator is dangerous. Predators can get hurt or killed by their prey. This is why meat-eaters often attack prey that is weak, sick, or young



Allosaurus darted close and took a big bite.  
Then it moved back and waited.  
Stegosaurus got weaker and weaker.  
It had become food for Allosaurus.

CLASS, WHATEVER  
ALLOSAURUS DOES NOT  
EAT WILL FEED OTHER  
DINOSAURS TOO.

AT MY OLD SCHOOL  
WE NEVER GOT  
THIS CLOSE TO  
PREDATORS

I GUESS THAT STEGOSAURUS  
WON'T BECOME A  
DINOSAUR FOSSIL

NO IT'S BECOMING  
A DINOSAUR DINNER

As we ran for the time machine,  
Ms. Frizzle pointed out some strange birds.  
"The first birds appeared in the  
Late Jurassic," she said.  
Then she pushed the fast-forward button  
and shouted, "Maiasaura, here we come!"

WE STILL  
DIDN'T FIND  
MAIASAURA NESTS.

COME ON.  
LET'S GO LOOK  
FOR THEM.

BIRDS ARE LIVING DINOSAURS!  
by Shirley  
Most paleontologists say  
today's birds are direct  
descendants of dinosaurs.

WOW, TWEETIE,  
I'M IMPRESSED.

BIRDS: PAST AND PRESENT  
by Michael

ARCHAEOPTERYX

Like dinosaurs, the first  
birds had TEETH, CLAWED  
FINGERS, and BONY TAILS.  
Today's birds do not!



Allosaurus darted close and took a big bite.  
Then it moved back and waited.  
Stegosaurus got weaker and weaker.  
It had become food for Allosaurus.

As we ran for the time machine,  
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BIRDS ARE LIVING DINOSAURS!  
by Shirley  
Most paleontologists say  
today's birds are direct  
descendants of dinosaurs.

Wow, Tweetie,  
I'm impressed

BIRDS: PAST AND PRESENT  
by Michael

ARCHAEOPTERYX

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CLASS, WHATEVER  
ALLOSAUURS DOES NOT  
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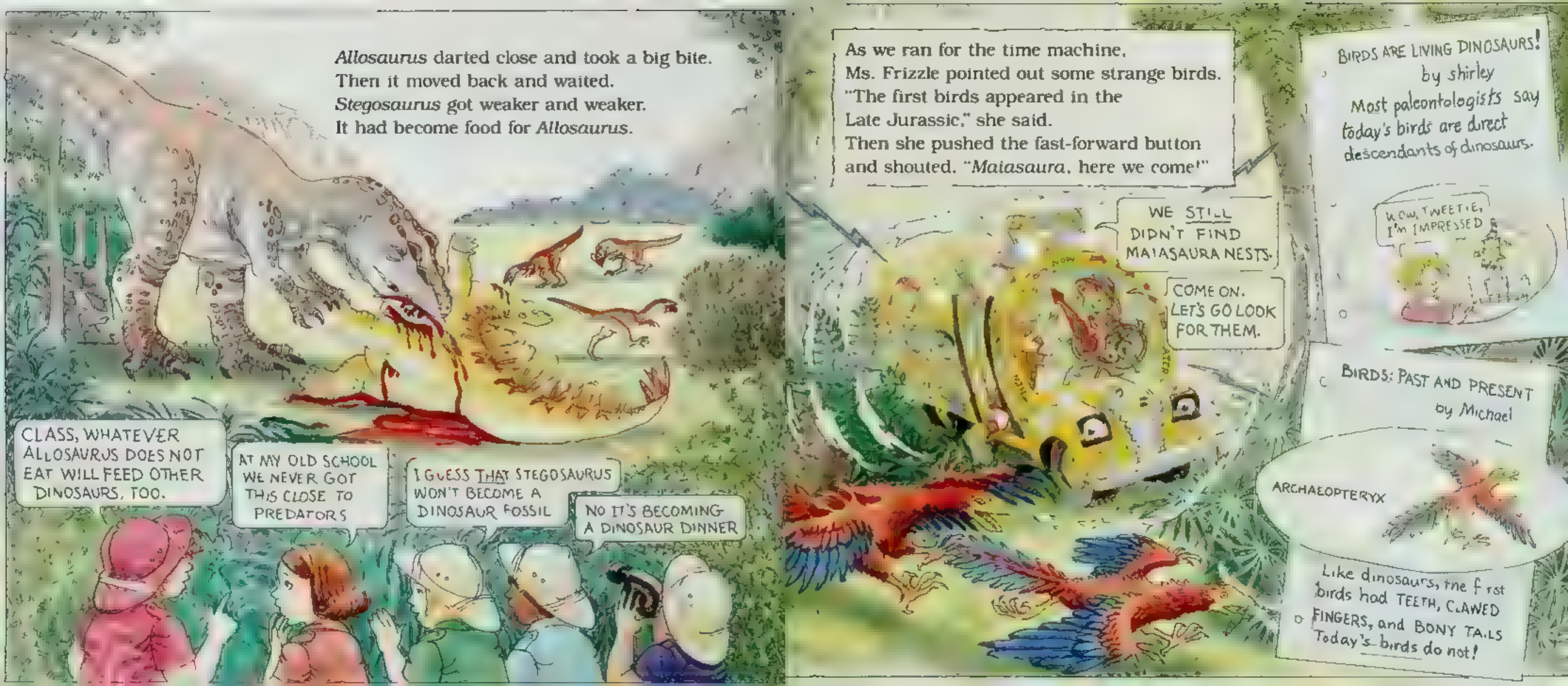
AT MY OLD SCHOOL  
WE NEVER GOT  
THIS CLOSE TO  
PREDATORS

I GUESS THAT STEGOSAURUS  
WON'T BECOME A  
DINOSAUR FOSSIL

NO IT'S BECOMING  
A DINOSAUR DINNER

WE STILL  
DIDN'T FIND  
MAIASAURA NESTS.

COME ON.  
LET'S GO LOOK  
FOR THEM.





by Gregory

No dinosaurs lived in the sea. During the Cretaceous, dinosaurs lived in places that were not covered by water

WE WON'T SEE  
ANY DINOSAURS  
HERE.

*Ring! Ring!* The alarm went off again. We looked out — and then we freaked out! Once again, we had stopped too soon. "Here we are in the Late Cretaceous Period," announced Ms. Frizzle. "At this time there was a sea right in the middle of our continent."

Out the windows, enormous sea reptiles swam by.  
Overhead, flying reptiles glided past,  
dipping their beaks in the water to catch fish.  
We were getting a little wet,  
so the Friz set the clock ahead again.

SEA REPTILES AND FLYING  
REPTILES: WERE THEY DINOSAURS?

No, they were relatives of dinosaurs.

WE'RE IN THE  
SAME PLACE  
25 MILLION  
YEARS LATER

## HOW TIME FLIES

THAT'S NOT ALL  
THAT FLIES.

## PTERANODON

I'M HOMESICK.

I'M SEASICK

AT MY OLD SCHOOL  
THE BUS DIDN'T LEAK.

CAN'T WE FIND  
A DRIER TIME.  
MS FRIZZLE?

ARCHELON

## ELASMOSAURUS

ICHTHYOSAUR

WHERE WE ARE IN TIME

PRECAMBRIAN

CAMBRIAN

PALAEZOIC

MESOZOIC

CENOZOIC

QUATERNARY

GEOLOGIC TIME

DAY

NIGHT

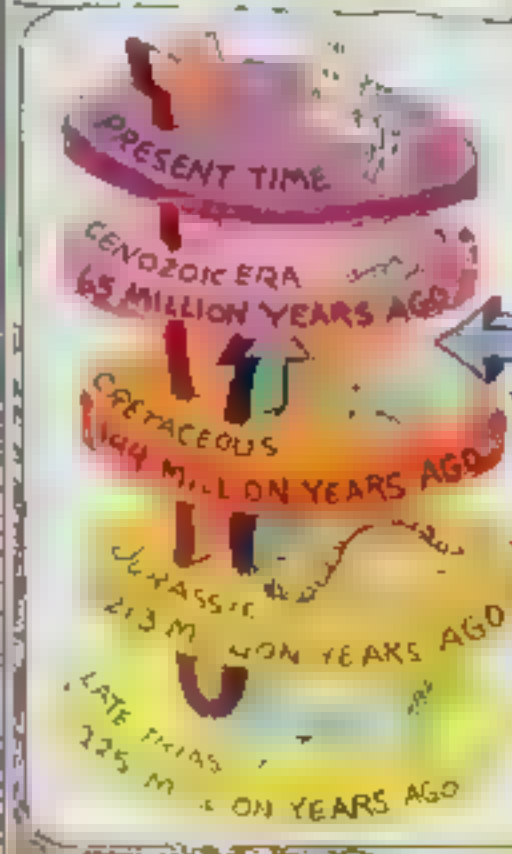


WHAT WAS THE EARTH LIKE THEN?



Continents had drifted farther apart than before

- Temperatures were cooler
- There were seasons and polar ice caps



THE SEA HAS DRED UP IN THIS PART OF THE WORLD, CLASS

THIS IS THE TIME OF THE MAIASAURA

YOU LET A COUPLE OF MILLION YEARS GO BY AND LOOK WHAT HAPPENS!

BETTER LATE THAN NEVER!

The next thing we knew we had traveled forward two million years. Now, we were at the very end of the Cretaceous Period. This was the time of the last dinosaurs. This was the time we had been looking for!



As soon as we got off the bus, we saw that the Cretaceous world was different. The weather was cooler. There were colorful flowers and fruits everywhere. And there were lots of new plant-eating dinosaurs. "These plant eaters could chew better than any other dinosaurs," said Ms. Frizzle. "They had terrific teeth for grinding, and they had cheeks!"

CHEEKS KEEP FOOD FROM FALLING OUT SO PLANT-EATERS DO NOT LOSE FOOD THEY HAVE ALREADY CHEWED

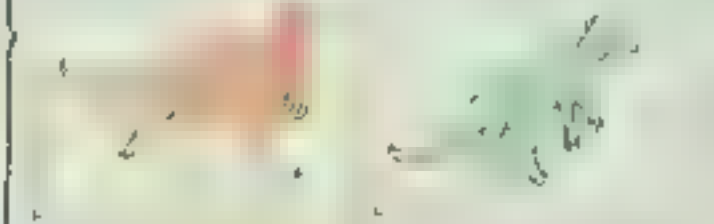
GEE, I DIDN'T KNOW CHEEKS WERE SO IMPORTANT.



# NEW PLANT-EATERS OF THE CRETACEOUS PERIOD

by Ms. Frizzle

<b>DUCKBILLS</b>	<b>DOME HEADS</b>
Had hundreds of teeth in horny beaks	Had thick skulls. May have butted heads like rams.



<b>ARMORED</b>	<b>HORNED</b>
Had armor. Had few teeth	Had neck frills and horns. Had slicing teeth.



**DINOSAURS WERE SPECIAL**  
Some dinosaurs chewed their food. All of today's reptiles swallow it whole

**DUCKBILL TEETH**  
Duckbills had hundreds of rows of teeth.





UH-OH. HERE COMES TROUBLE!

TYRANNOSAURUS TROUBLE!

SOME OTHER DINOSAURS HAD MORE TEETH, BUT TYRANNOSAURS HAD THE BIGGEST TEETH.

I FEEL SORRY FOR THE TOOTH FA RY.

We were watching the plant-eaters chew. when some tyrannosaurs approached. Tyrannosaurs were the largest meat eaters ever. Their mouths were giant biting machines with sixty sharp, stabbing teeth!

STYRACOSAURUS

TYRANNOSAURUS REX  
largest of dinosaur teeth  
(actual size)

The tyrannosaurs were scary enough. Then a pack of Troodon showed up, too! They were small, but there were a lot of them! They began circling the bus to see what it was. We sized up the situation and ran.

I HOPE YOU ARE OBSERVING THE TROODON, CLASS. NOTICE THE SLASHING CLAW ON EACH BACK FOOT

WE'D LIKE TO OBSERVE THEM, MS. FRIZZLE, BUT.

WE HAVE TO LEAVE... RIGHT AWAY.

IN A HURRY...

THIS INSTANT.

IN OTHER WORDS... NOW!

ALL MEAT-EATING DINOSAURS WERE TWO-LEGGED  
by Phoebe  
Plant-eaters came in all different shapes

Hadrosaurus Stegosaurus Apatosaurus  
But all meat-eaters were built on the same pattern.

Anosaurus Coelophysis Tyrannosaurus Rex

Troodon Tooth  
(actual size)

DINOSAURS WERE SPECIAL  
Some dinosaurs may have hunted in packs!  
None of today's reptiles do.



WOW!

LOOK AT ALL  
THE BABIES

IT'S DINOSAUR  
DAY CARE!

As we came over the crest of a hill,  
we saw an incredible sight!  
It was the *Malasaura* nesting ground!

Mother scooped out  
nest in ground.

Babies stayed in the nests.

DINOSAURS WERE SPECIAL  
Some dinosaurs may have  
fed their babies!  
None of today's reptiles do.

WHY DO WE THINK MAIASAURA  
BABIES GREW UP IN NESTS?

by Wanda

When scientists found  
the first *Malasaura* nests,  
they saw:

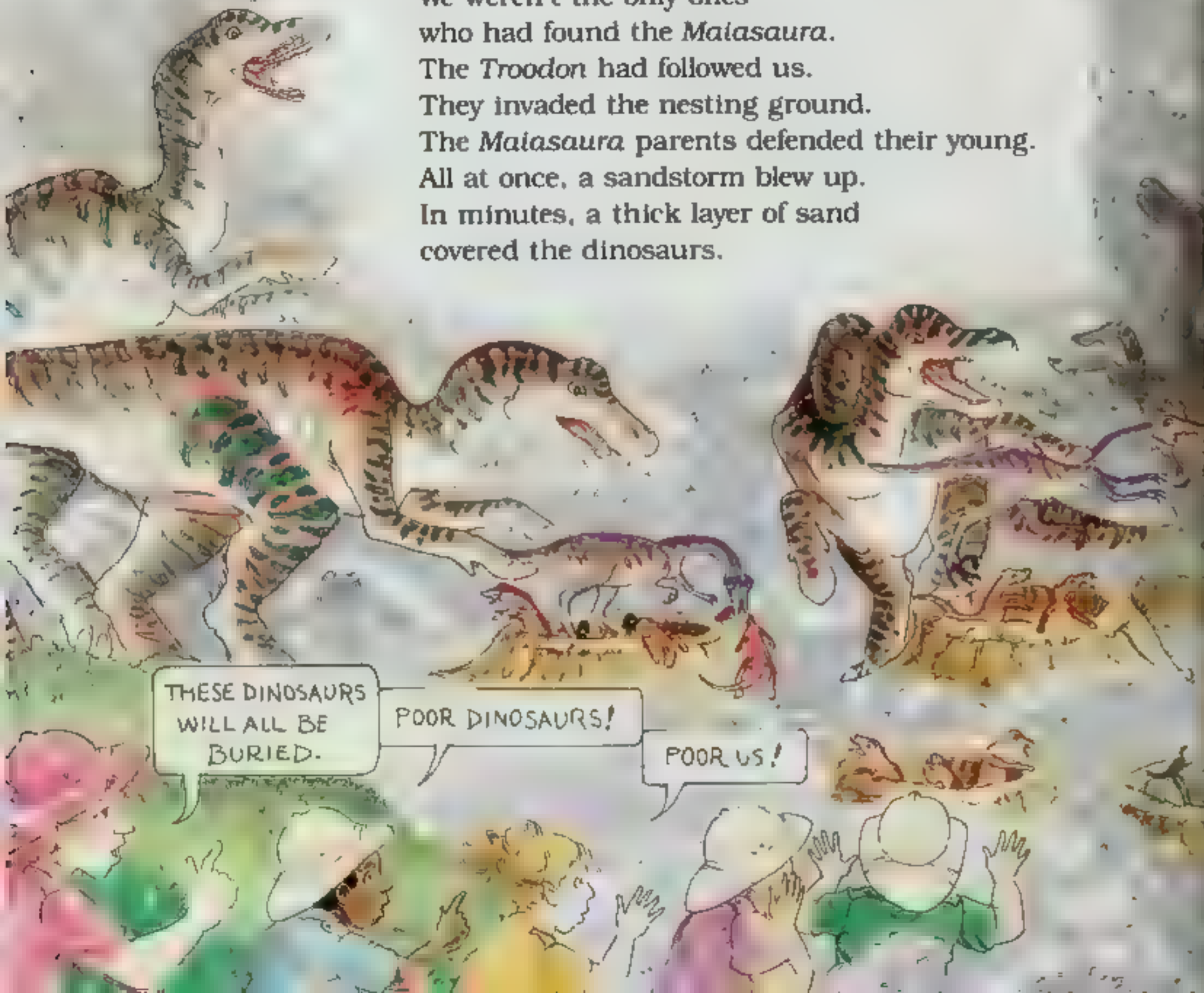
- Crushed eggshells, showing  
that babies might have stayed  
in nests and stepped on shells.
- Skeletons of different sizes,  
showing that babies might  
have grown bigger in nests.

- Worn down baby teeth,  
showing that babies might  
have eaten food brought  
by parents.

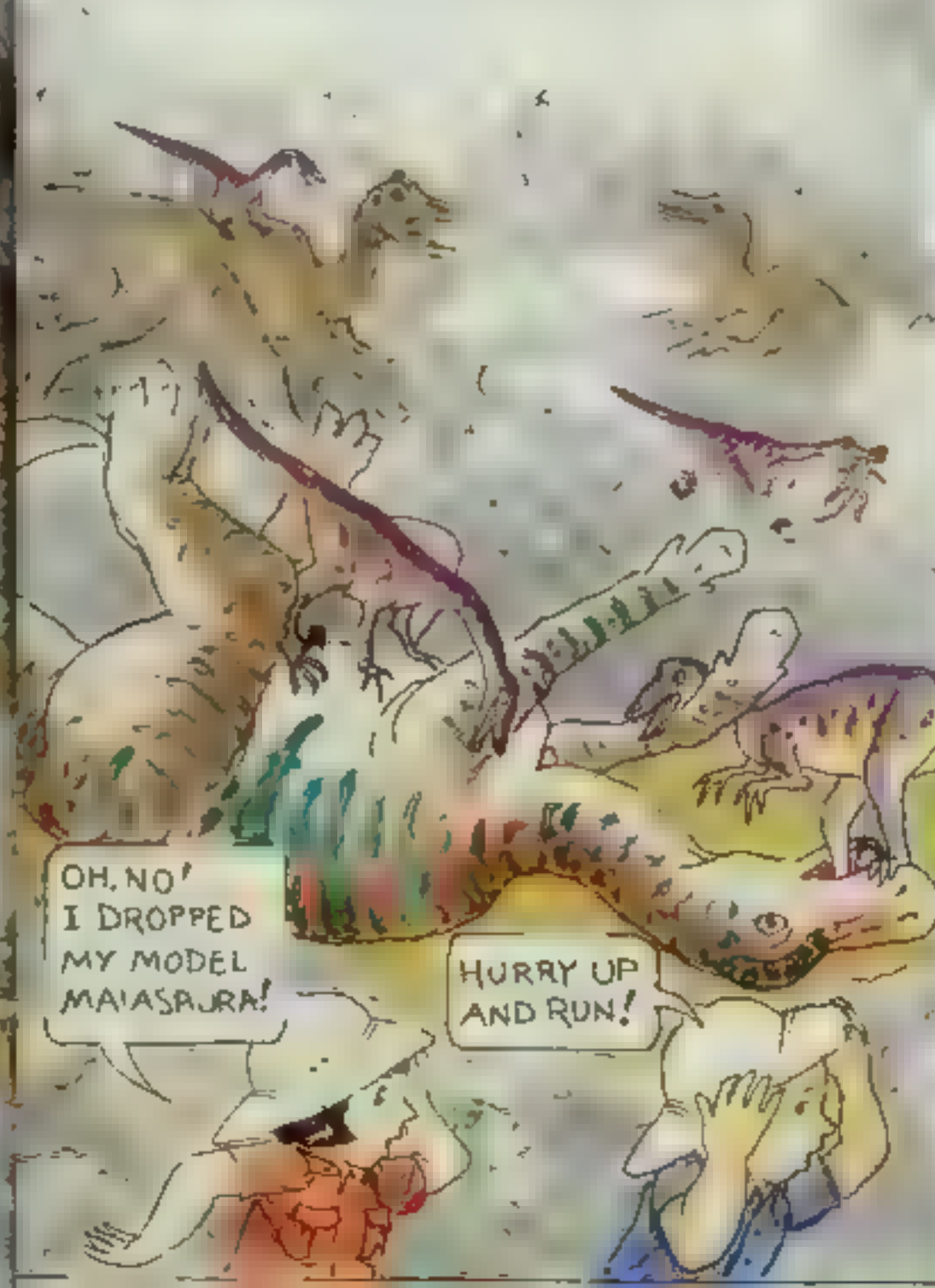




We weren't the only ones  
who had found the *Maiaasaura*.  
The *Troodon* had followed us.  
They invaded the nesting ground.  
The *Maiaasaura* parents defended their young.  
All at once, a sandstorm blew up.  
In minutes, a thick layer of sand  
covered the dinosaurs.



Everything happened so fast.  
There was no way we could help  
the dinosaurs.  
Maybe they would become fossils.



Back in the bus, Ms. Frizzle drove  
forward in time.  
We thought we were going home,  
but, on the way,  
the bus screeched to a stop.

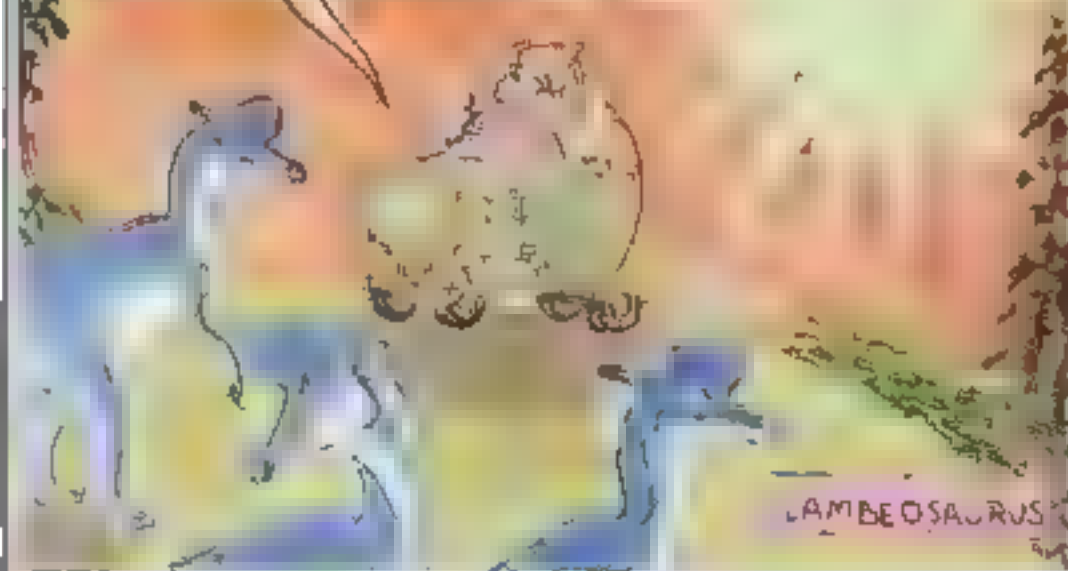




"We are in the very last minutes of the Cretaceous Period," said Ms. Frizzle. A bright light was shining in the sky. "Notice that asteroid," said the Friz. "It's a huge rock from outer space. Soon it will hit the earth"

THE ASTEROID WILL CAUSE AN ENORMOUS EXPLOSION... BLACK SOOT WILL FILL THE AIR AND BLOCK OUT THE SUN... PLANTS WON'T GROW, AND MILLIONS OF LIVING THINGS WILL BECOME EXTINCT — INCLUDING THE DINOSAURS

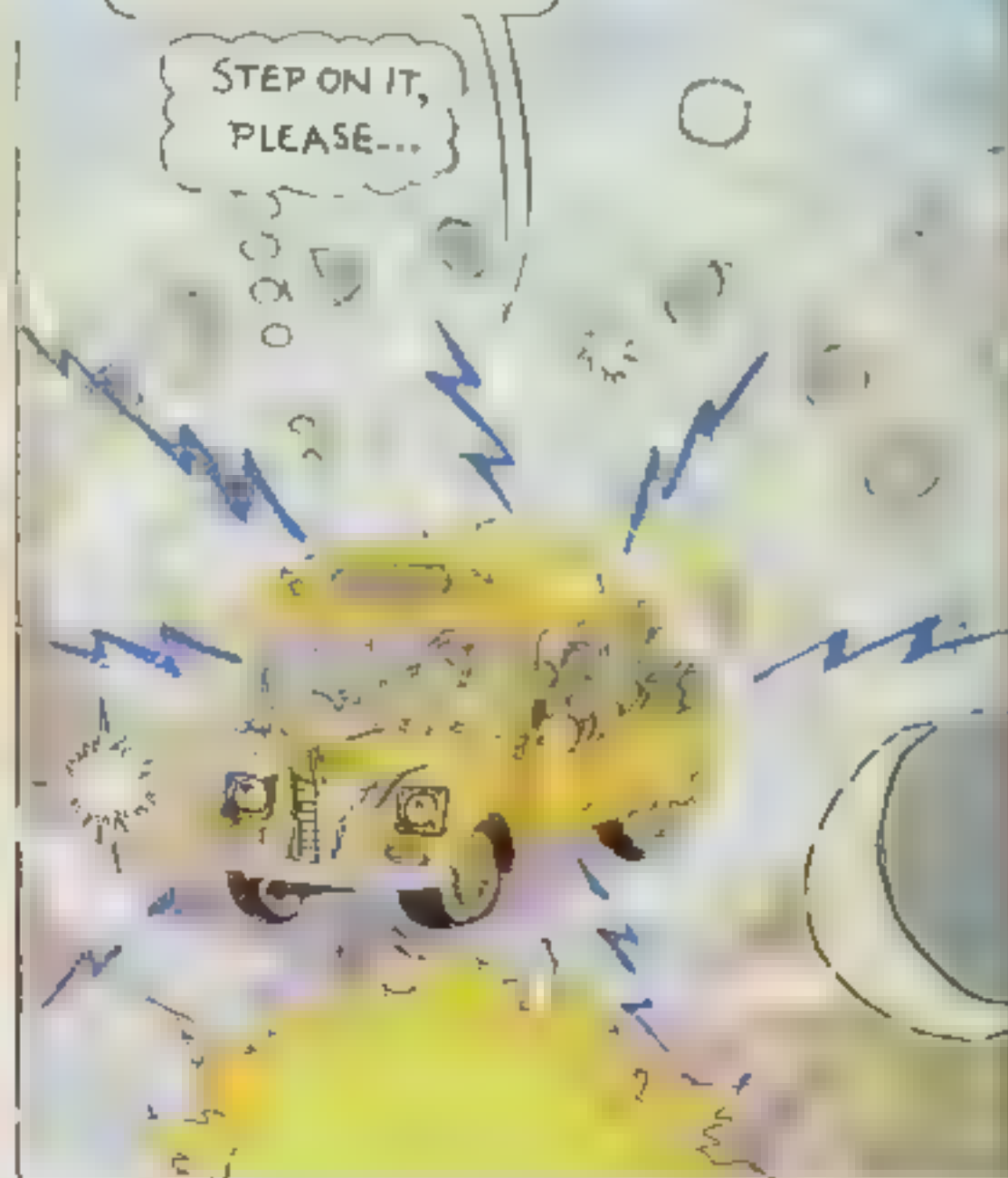
MS. FRIZZLE, COULD WE LEAVE BEFORE THE ASTEROID HITS?



The Friz pushed the forward button, and we started again.

WE'RE ONLY 65 MILLION YEARS FROM HOME, CLASS.

STEP ON IT, PLEASE...



When the alarm rang, we were back in our own time. The paleontologists were worried about us, and came looking for us. We gave them a tip on a fossil site. Then we waved good-bye and drove back to school.

GO THAT WAY ABOUT A HUNDRED STEPS AND START DIGGING

I'LL BET YOU'LL FIND SOME MAIASAURA NESTS

IF YOU SAY SO, VAL

WE'LL SEND YOU A COPY OF OUR VIDEO.



THE LAST WORD FROM DOROTHY ANN  
A kind of animal or plant is extinct when every single one has died

YOU'RE EXTINCT

I STINK! LIKE WH TALKING!







In the classroom, we made a chart of our trip to the dinosaurs. Just as we were finishing it, people started coming in for Visitors Day.

TRIASSIC	JURASSIC	CRETACEOUS	TERTIARY	QUATERNARY
MESOZOIC ERA (The Age of Dinosaurs)				
CENOZOIC ERA				

Speech bubbles:

- MY COELOPHYSIS LIVED IN THE TRIASSIC PERIOD.
- MY ALLOSAURUS BELONGS IN THE JURASSIC.
- WHERE SHOULD I PUT MY TRICERATOPS?
- I LOST MY DINOSAUR TOO BAD.

**DINOSAURS WE LOVE TO SEE**

- SPINOSAURUS
- T-Rex
- APATOSAURUS
- TRICERATOPS

Books on shelf:

- DINOSAUR
- PREHISTORIC SEAS
- THE AGE OF REPTILES
- WHAT DID DINOSAURS EAT?
- BIRD HIPPED VS LIZARD HIPPED DINOSAURS

Woman: HEY, ARNOLD. WASN'T THAT DINOSAUR ADVENTURE AMAZING?

Girl: THIS IS MY IDEA OF ADVENTURE!

Bookshelf:

- 101 ADVENTURES IN YOUR OWN BACKYARD

Potted plants:

- MAGNOLIA
- FERN
- GINGKO

Other labels:

- READING CHAIR
- THAT'S MY BOY



YOUR BONES ARE THE BEST, HONEY.

THANKS, GRAN.

HEY, LOOK AT THOSE SPECIAL EFFECTS!

THE DINOSAURS SEEM SO REAL!

WHY FLORRIE, THIS READS AS IF YOU WERE REALLY THERE

IT OUGHT TO.

The visitors admired everything. They had never seen such fabulous projects, such wonderful books, or such an incredible video. And, of course, they had never met a teacher quite like Ms. Frizzle!

MODEL OF DINOSAUR SKELETON by Phoebe made from chicken bones & clay

THE DAY I MET A MAIASAURA by Florrie



YOUR TEACHER SEEMS LIKE AN INTERESTING PERSON.

SHE LOVES SCIENCE.

SHE LOVES LIZARDS, TOO.

AND SLIME ...

AND MOLD ...

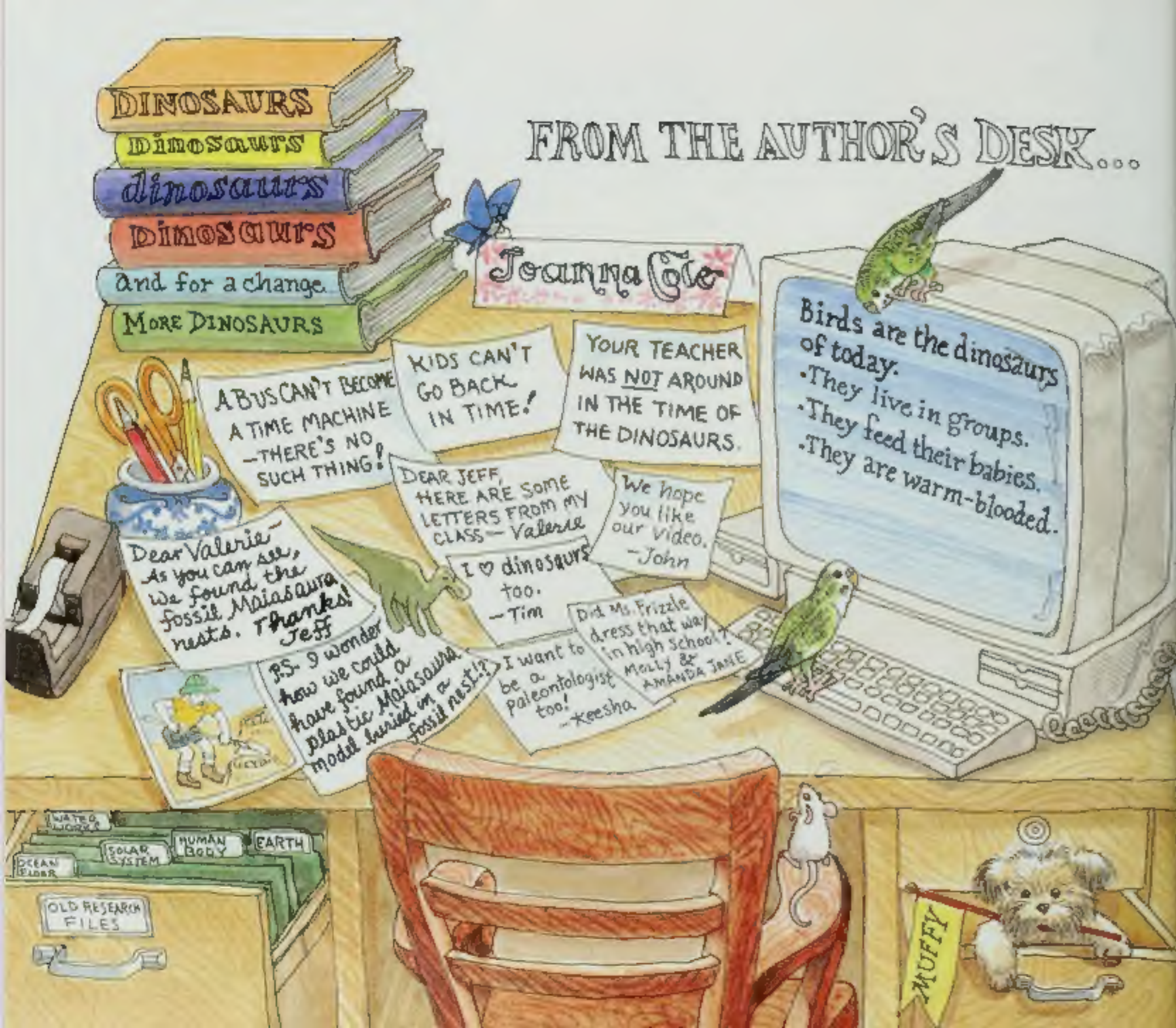
AND TEST TUBES.

AND EXPERIMENTS.

AND SHE DESIGNS ALL HER OWN CLOTHES!

BREAD MOLD CULTURE





## FROM THE AUTHOR'S DESK...

Joanna Cole

Birds are the dinosaurs of today.

- They live in groups.
- They feed their babies.
- They are warm-blooded.

## AND THE ARTIST'S DRAWING BOARD

Bruce Degen

MAGNOLIAS ARE VERY CLOSE TO PREHISTORIC PLANTS

T. Rex - THE OLD WAY TO PICTURE THE STANCE: UPRIGHT

T. Rex - THE NEW WAY: HORIZONTAL

TAIL USED FOR BALANCE

WE DON'T KNOW WHAT COLORS DINOSAURS WERE. MODERN REPTILES HAVE MARKINGS. MAYBE DINOSAURS DID, TOO.

Stegosaurus plates -

Paired or Alternating?

Model of Tyrannosaur tooth fossil. No flossing necessary.

OLD FRIZZLE DRESS IDEAS

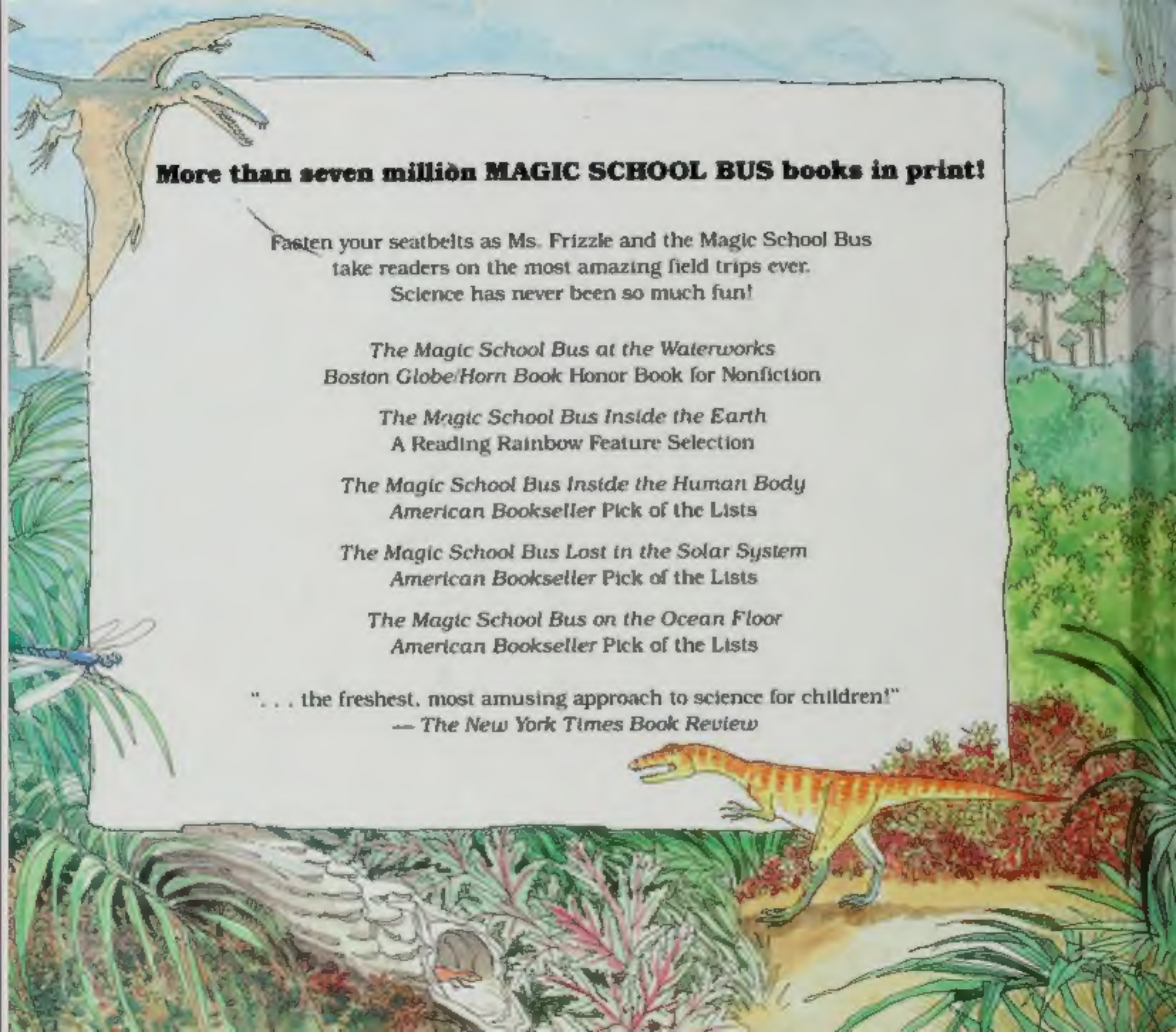
BAILEY





TO THE  
DINOSAUR  
EXHIBIT  
→





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